

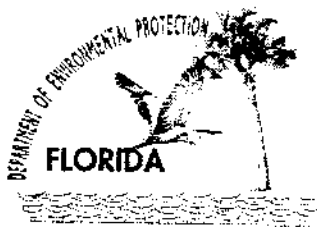
DISCLAIMER

The full text of certain NPDES permits and the associated fact sheets has been made available to provide online access to this public information. EPA is making permits and fact sheets available electronically to provide convenient access for interested public parties and as a reference for permit writers. The ownership of these documents lies with the permitting authority, typically a State with an authorized NPDES program.

While EPA makes every effort to ensure that this web site remains current and contains the final version of the active permit, we cannot guarantee it is so. For example, there may be some delay in posting modifications made after a permit is issued. Also note that not all active permits are currently available electronically. Only permits and fact sheets for which the full text has been provided to Headquarters by the permitting authority may be made available. Headquarters has requested the full text only for permits as they are issued or reissued, beginning November 1, 2002.

Please contact the appropriate permitting authority (either a State or EPA Regional office) prior to acting on this information to ensure you have the most up-to-date permit and/or fact sheet. EPA recognizes the official version of a permit or fact sheet to be the version designated as such and appropriately stored by the respective permitting authority.

The documents are gathered from all permitting authorities, and all documents thus obtained are made available electronically, with no screening for completeness or quality. Thus, availability on the website does not constitute endorsement by EPA.



Jeb Bush
Governor

Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

BEFORE THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN THE MATTER OF:

IN THE OFFICE OF THE NORTHEAST
DISTRICT

USN NAS Jacksonville
Building 826, NAS Jax
U.S. Highway 17
Jacksonville, Florida 32212

Administrative Order No.: AO 71 NE

DEP Permit No: FL0000957

USN NAS Jax WWTF

ORDER ESTABLISHING COMPLIANCE SCHEDULE UNDER SECTION 403.088(2)(f), F.S.

I. STATUTORY AUTHORITY

The Department of Environmental Protection (Department) issues this order under the authority of section 403.088 of the Florida Statutes. The Secretary of the Department has delegated this authority to the Director of District Management, who issues this order and makes the following findings of fact.

II. FINDINGS OF FACT

1. USN NAS Jacksonville is a person under section 403.031 of the Florida Statutes.
2. USN NAS Jacksonville owns and operates a wastewater treatment facility located Naval Air Station Jacksonville, Building 826, North Patrol Road, Jacksonville, Florida 32212, which discharges wastewater into waters of the state as defined in section 403.031 of the Florida Statutes.
3. USN NAS Jacksonville has applied for a permit under section 403.088(2) of the Florida Statutes.

4. USN NAS Jacksonville's discharge does not/will not meet the limits for total recoverable copper and total recoverable nickel within specific condition number I.A.1. of DEP Permit No. FL0000957.

5. Sections 403.088(2)(e) and (f) of the Florida Statutes authorize the Department to issue a permit for the discharge of wastes into waters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.

6. The Department finds that

(1) The applicant needs permission to pollute the waters within the state for a period of time necessary to complete research, planning, construction, installation, or operation of an approved and acceptable pollution abatement facility or alternative waste disposal system;

(2) There is no present, reasonable, alternative means of disposing of the waste other than by discharging it into waters of the state;

(3) The discharge will not be unreasonably destructive to the quality of the receiving waters.

III. ORDER

Based on the foregoing findings of fact, IT IS ORDERED,

1. USN NAS Jacksonville shall comply with the following schedule:

Action Item		Due Date
1	DEP is evaluating the copper mixing zone report submitted September 24, 2002. DEP will correspond and request additional information if necessary. Revise permit (if needed) to reflect proposed mixing zone, publish public notice of proposed copper mixing zone in newspaper (if needed). USN NAS Jacksonville is evaluating the option of connecting to the JEA SW WWTF outfall. Time is provided for the mixing zone review and option consideration and to comply with final limits for total recoverable copper.	December 1, 2004

2. USN NAS Jacksonville must meet the following interim monitoring requirements for total recoverable copper:

Interim Surface Water Discharge

- a. During the period beginning upon the issue date of this permit and lasting until August 1, 2003, the permittee is authorized to discharge effluent from Outfall D001 to St. Johns River. Such interim discharge shall be limited and monitored by the permittee as specified below:

Parameter	Units	Max/Min	Effluent Limitations				Monitoring Requirements		
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number
Copper, Total Recoverable	µg/L	Maximum	-	-	-	Report	Monthly	24-hour flow proportioned composite	PPI-1

- b. Effluent samples shall be taken at the monitoring site locations listed above and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-1	Measurement and sampling point for post-disinfection at the junction box near the chlorine contact chamber.

- c. The approved analytical methods and corresponding required MDL (method detection limit) and PQL (practical quantification limit) for parameters monitored at outfall D-001 are (note: if multiple methods are approved for a given parameter, they are all listed with corresponding MDLs/PQLs separated by a "/" if different):

PARAMETER	ANALYTICAL METHOD	MDL (units)	PQL (units)
Total Recoverable Copper	220.2, 200.7 or 200.8	1.0 (µg/L)	5.0 (µg/L)

The MDLs and PQLs listed above shall constitute the minimum reporting levels for the life of the permit. The Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those listed above. Unless otherwise specified, sample results shall be reported as follows:

1. Results greater than or equal to the PQL shall be reported as the measured quantity
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the PQL value followed by the lab code "m" and the value of the MDL in parentheses. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported as the MDL followed by the lab code "u". A value of one half the MDL or half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limit or monitoring requirement.

[62-4.246, 6-13-96]

3. USN NAS Jacksonville shall maintain and operate its facilities in compliance with all other conditions of DEP Permit No. FL0020427.
4. This order may be modified as set forth in chapter 62-4 and 62-620 of the Florida Administrative Code.

5. Reports or other information required by this order shall be sent to:

Jerry M. Owen, P.E.
Water Facilities Administrator
Northeast District Office
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

6. This order does not operate as a permit under section 403.088 of the Florida Statutes. This order shall be incorporated by reference into DEP Permit No. FL000957 which shall require compliance by the permittee with the requirements of this order.
7. Failure to comply with the requirements of this order shall constitute a violation of this order and DEP Permit No. FL000957, and may subject the permittee to penalties as provided in section 403.161 of the Florida Statutes.
8. This order is final when filed with the clerk of the Department, and the USN NAS Jacksonville then shall implement this order unless a petition for an administrative proceeding (hearing) is filed in accordance with the notice set forth in the following section.

IV. NOTICE OF RIGHTS

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for mediation within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; each the Department case or identification number and the county in which the subject matter or activity is located;

(b) A statement of when and how each petitioner received notice of the Department action;

(c) A statement of how each petitioner's substantial interests are affected by the Department action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;

(f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and

(g) Demand for relief (sought by the petitioner, stating precisely the action that the petitioner wants the Department to take).

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by rule 28-106.404. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their

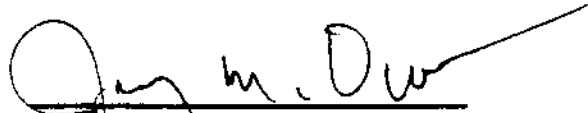
USN NAS Jacksonville WWTF

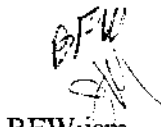
AO 71 NE

their right to a proceeding under sections 120.569 and 120.57. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

DONE AND ORDERED on this 20 day of December, 2002 in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Jerry M. Owen, P.E.
WATER FACILITIES ADMINISTRATOR


BFW:jgm

Copies furnished to:

John Barnard, P.E.,
D. W. Kiebler, Environmental Dept. Head, USN, Pubic Works Center
Virginia Buff, US EPA, Region IV
Elsa Potts, P.E., FDEP, Tallahassee
Carolyn Silvers, St. Johns River WMD
Nam Huynh, P.E., City of Jacksonville, RESD

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52, Florida
Statutes with the designated Department Clerk,
receipt of which is hereby acknowledged.
Caroline Wilson 20 Dec 02
Clerk Date

**FACT SHEET
FOR
STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FL000957
FACILITY NAME: USN NAS JACKSONVILLE WWTF
FACILITY LOCATION: Jacksonville, Duval County
NAME OF PERMITTEE: U.S. Navy
PERMIT WRITER: Jeff Martin, P.E.

I. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date:	December 10, 2001
Additional Information:	January 9, 2002
Public Notice Date:	May 15, 2002
Revised Draft:	July 25, 2002
Draft notice published	August 29, 2002
Received Mixing Zone report	September 24, 2002

b. Type of Facility

Domestic Wastewater Treatment Plant
Publicly-owned treatment works
Standard Industrial Classification Code: 4952

c. Facility Capacity

Existing Design Capacity:	3.0	mgd	AADF
Proposed Increase in Design Capacity:	0	mgd	AADF
Proposed Total Design Capacity:	3.0	mgd	AADF
Existing Permitted Capacity:	3.0	mgd	AADF
Proposed Increase in Permitted Capacity:	0	mgd	AADF
Proposed Total Permitted Capacity:	3.0	mgd	AADF

d. Description of Effluent or Reclaimed Water Discharges (as reported by applicant)

See attached map(s) for the location(s) of effluent disposal and land application sites.

Outfall Serial Number D-001

Annual Average Daily Flow (mgd): 1.0

pH Range (Standard Units): 6.5 to 7.7

Pollutants which are present in significant quantities or which are subject to effluent or reclaimed water limitations are as follows:

Parameters	Reported Data		
	Annual Avg.	Lowest Monthly Avg.	Highest Monthly Avg.
CBOD5, mg/L	1.5	-	4.3
TSS, mg/L	1.2	-	2.0
Fecal coliform	1.4	-	22.0
Ammonia, mg/L	0.028	-	0.092
Dissolved oxygen, mg/L	-	7.8 (Min.)	11.8 (Max.)
Total Nitrogen, mg/L	2.6	-	17.0
Total Phosphorus, mg/L	1.2	-	1.9

2. BASIS FOR EFFLUENT AND RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS (INCLUDING EFFLUENT MONITORING REQUIREMENTS)

Outfall D-001 (Class III marine water): New water quality standards have been approved under Chapter 62-302 FAC, and will be incorporated in the permit renewal.

Parameter	Limit	Basis	Rationale
Flow (mgd)	3.0	Annual Average	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (mg/l)	20.0	Annual Average	62-600.420(1)(a) &/or .740(1)(b)1.a. FAC
	25.0	Monthly Average	62-620.625(5) FAC & 40 CFR
	40.0	Weekly Average	133.102(a)(4)(i)
	60.0	Single Sample Max.	62-620.625(5) FAC & 40 CFR 133.102(a)(4) 62-600.740(1)(b)1.d.FAC
Solids, Total Suspended (mg/l)	20.0	Annual Average	62-600.420(1)(a) &/or .740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
pH (s.u.)	6.5 to	Minimum and	62-302.530(52) FAC

Parameter	Limit	Basis	Rationale
	8.5	Maximum	
Coliform, Fecal (#/100ml)	200 200 400 800	Annual Average Monthly Geo. Mean 90th Percentile Single Sample Max.	62-600.440(4)(c)1. FAC 62-600.440(4)(c)2. FAC 62-600.440(4)(c)3. FAC 62-600.440(4)(c)4. FAC
Total Residual Chlorine (For Disinfection) (mg/l)	0.5	Minimum	62-600.440(4)(b) FAC
Nutrients (mg/l)	Report	Monthly Average	62-302.500(48)(a) and (b) FAC
Total Phosphate (mg/l)	Report	Monthly Average	62-302.500(48)(a) and (b) FAC
Total Ammonia (mg/l)	Report	Monthly Average	62-302.500(48)(a) and (b) FAC
Dissolved Oxygen (mg/l)	Report	Single Sample Min.	62-302.500(31) FAC
Total Residual Chlorine (For Dechlorination) (mg/l)	0.01	Single Sample Max.	62-600.440(2) FAC & 62-302.530(19) FAC
Oil and Grease (mg/l)	5.0	Single Sample Max.	62-302.530(50)(a)
Copper, Total Recoverable (ug/l)	2.9	Single Sample Max.	62-302.530(24) FAC
Cyanide, Total (ug/l)	1.0	Single Sample Max.	62-302.530(25) FAC
Lead, Total Recoverable (ug/l)	5.6	Single Sample Max.	62-302.530(40) FAC
Nickel, Total Recoverable (ug/l)	8.3	Single Sample Max.	62-302.530(45) FAC
Whole Effluent Toxicity Acute (%)	100	Single Sample Min.	62-302.200(1), 62-302.500(1)(d) & 62- 4.244(3)(a) FAC

Fifth year inspection data, third year inspection as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards.

This facility discharges to Waterbody ID# 2213E, which is above the Fuller Warren Bridge and is a TMDL listed water. The listed parameters of concern of this segment of the Lower St. Johns River are coliforms and nutrients. A water quality review was conducted of the receiving waters and the Department has reasonable assurance that the discharge will not cause or contribute to impairment of the water body. This facility provides reuse of reclaimed water and has reduced its impact to the St. Johns River. As the TMDL is being developed for this receiving water future nutrient load reductions could be imposed on this facility.

Review of whole effluent toxicity data reveals that the facility has passed all tests results for the last permit cycle with mortality of 0 to 10%. The department has reasonable assurance that the facility effluent discharge is not acutely toxic.

However, there will be an administrative order for this facility that will allow time for them to evaluate and consider options concerning the exceedances for total recoverable copper and total recoverable nickel. New water quality standards have been approved by the ERC under Chapter 62-302 FAC, however, they are still under review by the US EPA Region IV.

Land Application System R-001 (slow-rate public access):

Parameter	Limit	Basis	Rationale
Flow (mgd)	0.25	Annual Average	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (mg/l)	20.0	Annual Average	62-610.460 & 62-600.740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (mg/l)	5.0	Single Sample Max.	62-610.460(1) & 62-600.440(5)(f)3. FAC
pH (s.u.)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC
Coliform, Fecal (#/100ml)	non- det. 25	75th Percentile Single Sample Max.	62-600.440(5)(f)1. FAC 62-610.460 & 62-600.440(5)(f)2. FAC
Total Residual Chlorine (For Disinfection) (mg/l)	1.30	Minimum	62-600.440(5)(b), 62-610.460(2), & 62-610.463(2) FAC
Turbidity (ntus)	Report	Single Sample Max.	62-610.463(2) FAC
Giardia (cysts/ 100 l)	Report	Single Sample Max.	62-600.463(4) FAC
Cryptosporidium (oocysts/ 100 l)	Report	Single Sample Max.	62-600.463(4) FAC

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
Percent Capacity. (TMADF/Permitted Capacity) x 100 (%)	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (mg/l)	Report	Monthly Average	62-601.300(1)FAC
Solids, Total Suspended (mg/l)	Report	Monthly Average	62-601.300(1)FAC
Flow (mgd)	3.0	Annual Average	62-600.400(3)(b)FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer

3. RESIDUALS MANAGEMENT

The method of residuals use or disposal by this facility is land application, or disposal in a Class I or II solid waste landfill.

See the table below for the rationale for the Class B residuals limits and monitoring requirements.

Parameter		Basis for Limit/Monitoring Requirement
Total Nitrogen, % dry weight	Report	62-640.650(1)(b) FAC
Total Phosphorus, % dry weight	Report	62-640.650(1)(b) FAC
Total Potassium, % dry weight	Report	62-640.650(1)(b) FAC
Arsenic, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Cadmium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Copper, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Lead, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC

Parameter		Basis for Limit/Monitoring Requirement
Mercury, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Molybdenum, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Nickel, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Selenium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Zinc, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
pH, std. units	Report	62-640.650(1)(b) FAC
Total Solids, %	Report	62-640.650(1)(b) FAC
Nitrogen, lb/ac/yr	Maximum	62-640.750(2)(b) FAC
Arsenic, lb/ac	Cumulative Maximum	62-640.700(3)(b)
Cadmium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Copper, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Lead, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Mercury, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Nickel, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Selenium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Zinc, lb/ac	Cumulative Maximum	62-640.700(3)(b)
Monitoring Frequency	All Parameters	62-640.650 & 650(1)(c) FAC
Pathogen and vector attraction reduction monitoring	All Parameters	62-640.600 & 650(1)(a) FAC
Additional parameters as determined necessary	All Parameters	62-640.650(1)(b)

4. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Rule 62-601, F.A.C.

5. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

6. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

7. COMPLIANCE SCHEDULE AND EFFECTIVE DATE OF PROPOSED EFFLUENT OR RECLAIMED WATER LIMITATIONS

The permittee shall conduct and implement according to the following schedule:

	Action Item	Due Date
1	DEP is evaluating the copper mixing zone report submitted September 24, 2002. DEP will correspond and request additional information if necessary. Revise permit (if needed) to reflect proposed mixing zone, publish public notice of proposed copper mixing zone in newspaper (if needed). USN NAS Jacksonville is evaluating the option of connecting to the JEA SW WWTF outfall. Time is provided for the mixing zone review and option consideration and to comply with final limits for total recoverable copper.	December 1, 2004

[62-620.320(1) and (2), 10-23-00] [62-4.070(3), 10-22-00]

8. DISCUSSION OF PREVIOUS PERMIT EFFLUENT OR RECLAIMED WATER LIMITATIONS.

The wastewater permit for this facility FL0000957, expiring on June 3, 2002, contains the following effluent or reclaimed water limits:

For Surface Water Serial Number D-001:

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow, MGD	Maximum	3.0	-	-	-
CBOD5, mg/L	Maximum	20.0	25.0	40.0	60.0
TSS, mg/L	Maximum	20.0	30.0	45.0	60.0
PH, s.u.	Range	-	-	-	-
TRC, mg/L	Minimum	-	-	-	0.5
TRC, mg/L	Maximum	-	-	-	0.01
Fecal, #/100mL	Maximum	200.0	-	-	800.0
Oil and Grease, mg/L	Maximum	-	-	-	5.0
Copper, total	Maximum	-	-	-	3.7

Parameters	Effluent or Reclaimed Water Limitations				
recoverable, ug/L					
Cyanide, total recoverable, ug/L	Maximum	-	-	-	1.0
Lead, total recoverable, ug/L	Maximum	-	-	-	8.5
Nickel, ug/L	Maximum	-	-	-	8.3

For Land Application Serial Number R-001:

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow, MGD	Maximum	0.25	-	-	-
CBOD5, mg/L	Maximum	20.0	30.0	45.0	60.0
TSS, mg/L	Maximum	-	-	-	5.0
PH,s.u.	Minimum	-	-	-	6.5
PHs.u.	Maximum	-	-	-	8.5
Fecal coliform, #/100mL	Maximum	-	-	-	25.0
TRC, mg/L	Minimum	-	-	-	1.30

9. NEW OR EXPANDED DISCHARGES TO SURFACE WATERS:
ANTIDEGRADATION REQUIREMENTS

This section is not applicable to this facility. There is no increase for the discharge to surface waters.

10. EFFECTS OF SURFACE WATER DISCHARGE ON THREATENED OR
ENDANGERED SPECIES

The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

11. APPLICABLE RULES

The following were used as the basis of the permit limitations/conditions:

a. FAC refers to various portions of the Florida Administrative Code.

The effective dates of FAC Rule Chapters cited in the table are as follows:

<u>Chapter</u>	<u>Effective Date</u>
62-4	06-01-01
62-302	04-04-01
62-520	12-09-96

62-550	09-01-00
62-600	12-24-96
62-601	12-24-96
62-610	08-08-99
62-620	06-01-01
62-640	03-30-98
62-650	12-24-96
62-699	07-05-01
b. FS refers to various portions of the Florida Statutes	
c. CFR refers to various portions of the Code of Federal Regulations, Title 40	
d. BPJ refers to Best Professional Judgment	

12. Department CONTACT

Additional information concerning the permit may be obtained during normal business hours from:

Jeff Martin, P.E.
Department's Northeast District Office
7825 Baymeadows Way, Suite B-200
Jacksonville, FL, FL 32256 - 7590
Telephone Number: 904-807-3300, Fax Number: 904-448-4366

13. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 11.

14. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Process Elements	Projected Date of Completion
Effective Date of the Application:	May 21, 2002
Draft Permit to Applicant for review	May 29, 2002
Revised Draft Permit to Applicant for review	July 25, 2002
Begin Public Comment Period	August 15, 2002
End Public Comment Period	September 15, 2002
Draft Permit Publication Date	August 29, 2002
Intent to Issue Permit to Applicant and EPA	October 7, 2002
Notice of Agency Action	October 7, 2002
Receive proof Publication and public comment period	November 25, 2002
Final Department Action (Proposed Issuance Date of Permit)	December 16, 2002